PUBLIC HEALTH ACT 1875.

ANNUAL REPORT

ON

THE HEALTH

OF THE

Whitworth Urban District

DURING 1907.

—BY—

ALEXANDER WELSH, M.D., WHITWORTH.

MEDICAL OFFICER OF HEALTH.

Whitworth:

H. O. HOWARD, PRINTER AND STATIONER, MARKET STREET.

THE HEALTH COMMITTEE

Consists of the following Members:

CHAIRMAN—J. BUTTERWORTH

MESSRS. R. BRIERLEY

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JAMES W. HILL

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WHITWORTH URBAN DISTRICT.

Medical Officer's Annual Report
for the year 1907.

To the Chairman and Councillors of the Whitworth Urban District.

GENTLEMEN:

I have the honour to submit to your consideration the Annual Health Report of the Whitworth Urban District, for the year 1907.

By Section 14 of the duties of the Medical Officer of Health, as defined by the general order of the Local Government Board, it is stated that the annual report of such Officer shall comprise:

1st. A summary of action taken during the year for preventing the spread of disease

2nd. An account of the sanitary state of the district generally, at the end of the year.

3rd. An account of the enquiries made by such officer, as to conditions injurious to health existing in the district, and of the proceedings relating to such conditions, in which he has taken part, or advised, under the Public Health Act, 1875.

4th. An account of the supervision exercised by him, or, on his advice, over places and houses which the

sanitary authority have power to regulate, together with the action, if any, taken in regard to offensive trades, to factories, and to workshops.

5th. Tabulated statement of the sickness and mortality within the district, classified according to diseases, ages, and localities.

In addition to the above, Section 132 of the Factory and Workshops Act requires that :

" The Medical Officer of Health of every District Council shall, in his annual report to them, report specifically on the administration of this Act in workshops and workplaces, and he shall send a copy of his annual report, or so much of it as deals with this subject, to the Secretary of State."

The following Acts bearing on Public Health, also came into force on the 1st of January, 1908.

Ist. Butter and Margarine Act, 1907.

2nd. Public Health (Regulations as to Food) Act, 1907.

3rd. Factory and Workshops Acts, 1907, dealing with Laundries.

4th. Notification of Births Act, 1907.

5th. Education (Administrative Provisions) Act, 1907.

6th. Public Health Acts Amendment Act, 1907.

Under these additional Acts, it is obvious that the work of the Officers of Local Authorities must be increased considerably.

The area of the Whitworth Urban District is 6,300 acres, and the estimated population 10,000; an increase in the population due to the introduction of new industries, and the re-occupation of empty houses.

BIRTHS.

The Births registered during the year number 178; Males 96, Females 82 ; an increase of 2 on the previous year, and giving an annual birth rate of 17·8 per 1000.

The rate for preceding ten years being as under :—

1897.....22·7	1902.....22·5
1898.....24·2	1903.....22·5
1899.....22·8	1904.....20·8
1900.....24·9	1905.....20·7
1901.....20·8	1906.....18·2

1907.....17·8

The following table gives the births in the respective Wards for the undermentioned years :—

Year.	Healey.	Whitworth.	Facit.	Shawforth	Total
1901	23	75	59	43	— 200
1902	32	87	52	47	— 218
1903	42	70	56	50	— 218
1904	30	84	45	41	— 200
1905	34	72	55	40	— 201
1906	30	61	46	39	— 176
1907	24	67	47	40	— 178

DEATHS.

The Deaths registered during the year number 168; Males 72, Females 96 ; an increase of 20 on the previous year, and giving an annual death rate of 16·8 per 1000.

The rate for preceding years being as under :

1897.....16·7	1902.....15·2
1898.....16·9	1903.....14·3
1899.....17.4	1904.....19·3
1900.....19·6	1905.....14·4
1901.....17·2	1906.....15·3

1907.....16·8

The following table gives the deaths in the respective Wards:

Year.	Healey.	Whitworth.	Facit.	Shawforth.		Total
1901	26	59	33	47	—	165
1902	29	69	30	29	—	147
1903	20	53	36	30	—	139
1904	26	70	47	43	—	186
1905	19	52	41	27	—	139
1906	19	60	34	35	—	148
1907	23	68	41	36	—	168

Mortality from all causes at the subjoined ages:

Deaths under 1 year	17	30
,, at 1 and under 5 years	13	
,, 5 ,, 15 ,,	7	138
,, 15 ,, 25 ,,	3	
,, 25 ,, 65 ,,	85	
,, 65 and upwards	43	
	168	168

One death has been returned of a resident having died in a "Public Institution," outside the district.

INFANTILE DEATH RATE.

The number of deaths of infants under one year shows a decrease of 6; giving an infantile mortality per 1000 births of 95·4, compared with 130·6 of the previous year. This is very satisfactory.

Our knowledge of the conditions associated with a high or low infantile death rate has made considerable advance during the last few years. As stated in previous

reports, climatic conditions, insanitary surroundings, heredity, occupation of the mothers, and errors in the feeding of infants being the chief factors in the sacrifice of child life.

While recognising the importance of the above statement it is now an admitted fact, that a great percentage of the mortality is largely due to the indifference and neglect of the duties of motherhood.

Roughly speaking we may say that out of 1000 breast-fed babies 20 may die, while out of 1000 hand-fed babies we might expect 300 to die. The principle underlying the "early notification of births" is a sound one, and will in time bring before mothers their obligations in the rearing of their offspring.

The following table gives the mortalities for the undermentioned years :—

1901.....150·0	1904.....160·0
1902.....100·9	1905..... 84·5
1903.....142·2	1906.....130·6

1907.....95·4

The following table gives the number of deaths under one year for the preceding ten years :—

1897.....48	1902.....22
1898.....30	1903.....31
1899.....30	1904.....32
1900.....44	1905.....17
1901.....30	1906.....23

1907.....17

Causes of infantile mortality under one year.

Diphtheria and Croup 2; Diarrhœa 1; Congenital defects 1; Atrophy 1; Meningitis 3; Convulsions 2; Bronchitis 4; Pneumonia 2; Overlying 1 ;—Total 17.

MORTALITY FROM ALL CAUSES.

DISEASES.	1902	1903	1904	1905	1906	1907
Small-pox	0	0	0	0	0	0
Measles...	1	0	9	0	1	1
Scarlet Fever	0	1	2	0	0	2
Whooping Cough	0	1	9	0	0	0
Diphtheria and Membranous Croup	0	0	2	5	5	2
Fever { Typhus	0	0	0	0	0	0
Fever { Enteric	1	1	3	1	1	2
Fever { Other continued ...	0	0	0	0	0	0
Epidemic Influenza	1	0	0	1	0	0
Cholera...	0	0	0	0	0	0
Plague	0	0	0	0	0	0
Diarrhœa	2	0	0	1	0	2
Enteritis	0	0	0	0	3	1
Puerperal Fever	0	0	0	0	1	1
Erysipelas	0	0	0	0	0	0
Other Septic Diseases... ...	1	0	0	0	0	0
Phthisis	14	12	18	9	9	12
Other Tubercular Diseases...	5	4	7	1	2	1
Cancer Malignant Disease...	3	13	1	4	7	16
Bronchitis (19) Pneumonia (16) Pleurisy (0)	29	24	45	26	41	35
Other Diseases of Respiratory Organs	0	0	0	2	0	0
Alcoholism, Cirrhosis of the Liver	0	1	0	0	0	0
Venereal Diseases	0	0	0	0	1	0
Premature Birth	0	0	1	3	3	0
Diseases and Accidents of Parturition	0	1	1	2	0	0
Heart Disease	18	6	9	14	10	21
Accidents	5	4	5	4	0	1
Suicides...	0	2	2	0	1	0
Coroner's Enquiries	0	0	4	3	6	4
Coroner's Inquests	0	2	3	3	9	5
All Other Causes...	67	67	65	60	50	62
Total... ...	147	139	186	139	150	168

ZYMOTIC DISEASES.

The Zymotic death rate for the year may again be considered satisfactory, viz. 0·90 per 1000; the following table gives the zymotic death rate for the preceding ten years.

1897 .....1·58	1902.....0·41
1898.....1·1	1903.....0·41
1899.....0·5	1904.....2·6
1900.....1·8	1905.....0·72
1901.....0·31	1906.....0·51

1907.....0·90

The following table gives the number of deaths for the years.

	1904	1905	1906	1907
Small-pox	0	0	0	0
Measles	9	0	1	1
Scarlatina	2	0	0	2
Whooping Cough ...	9	0	0	0
Diphtheria and Membranous Croup ...	2	5	3	2
Diarrhœa	0	1	0	2
Enteric Fever	3	1	1	2
	25	7	5	9

SMALL-POX.

Nil.

CHICKEN-POX.

In November I had to report an outbreak of Chicken-pox in the Shawforth Wesleyan School. The disease appeared suddenly and spread rapidly in the infant department. 28 cases over five years and 10 cases under five years were reported.

As the disease had spread to the mixed department, and in view of the approach of the Christmas holidays it was considered advisable to temporary close the school.

Special reports of the outbreak, and of the action taken by your Authority were forwarded to the Local Government Board and County Council, and attention was also called to the objectionable practice of prize giving for "regular attendance" in Day and Sunday Schools. Children insist on going to school often against the wishes of parents when they are frequently the centres of infection, and so become the means of the further spread of the disease. The system is certainly not in the interest of "Public Health," and should be discouraged by all who may be responsible for the proper conduct of school efficiency.

MEASLES.

Two deaths have been registered during the year.

SCARLATINA.

25 cases have been notified and 2 deaths registered during the year ; a decrease of 12 cases on the previous year.

At no period did the disease assume a severe type and the deaths were due to complications. It was again

sporadic or scattered in distribution as shown by the following table.

Month.	Healey.	Whitworth.	Facit.	Shawforth.	Total
January	2	0	0	2	4
February	0	0	3	0	3
March	0	1	3	0	4
April	0	1	1	0	2
May	3	0	0	1	4
June	0	0	0	0	0
July	0	2	0	0	2
August	0	0	0	0	0
September	0	0	0	0	0
October	0	0	0	0	0
November	0	1	0	0	1
December	0	0	0	0	0
	5	5	7	3	20

20

DIPHTHERIA AND MEMBRANOUS CROUP.

Six cases were notified; 4 cases in Healey Ward, 1 Whitworth Ward, and 1 in Facit Ward. Two deaths were registered. In every case the milk distribution was from different farms, the disease was sporadic, and the drainage fairly satisfactory, with one exceptional case of defective exit.

PUERPERAL FEVER.

One fatal case was reported in the month of January.

The patient was confined, and attended to by neighbours on the 29th of December. She died on the 5th of January. During the patient's illness I received a

notification of Erysipelas from the same house, so that the death was probably due to Erysipelatous blood poisoning.

ENTERIC FEVER.

I have to note a satisfactory decrease fn the number of cases notified during the year; viz. 2 cases in Facit Ward and 1 in Shawforth Ward. They all had milk supplied from different farms.

ERYSIPELAS.

I have to report a considerable increase in the number of cases notified, viz. 21; for the previous year 9.

Of the 21 cases reported there were in

Healey... ...	0	Whitworth ...	11
Facit	4	Shawforth ...	6

As expressed in previous reports the notification of Erysipelas is of doubtful public utility.

PHTHISIS.

12 deaths were registered from Phthisis, an increase of 3 on the previous year; giving a death rate of 1·2 per 1000.

The following table gives the number of deaths in the Wards for the undermentioned years.

	1901	1902	1903	1904	1905	1906	1907
Healey	3	3	1	2	2	1	2
Whitworth ...	7	5	5	9	2	3	6
Facit	4	3	3	6	5	4	4
Shawforth.....	3	3	3	1	0	1	0
	17	14	12	18	9	9	12

I have not advised compulsory notification of Phthisis.

Medical Officers are not unanimous in their views with regard to this question. In fact the Local Government Board do not encourage the adoption of the Act pending an enquiry into the subject of Tuberculosis.

With regard to the question of fresh air in the treatment of this disease, there is evidence of a fuller appreciation of the value of ventilation on the part of the public.

The standard of purity of air in a room may be fairly judged by the sense of smell, and should not be found to smell differently from fresh air when one enters a room from outside.

Yearly number of deaths for the preceding ten years.

1897 10	1902.....14
1898.....19	1903.....12
1899.....13	1904.....18
1900.....13	1905..... 9
1901.....17	1906..... 9

1907.....12

BRONCHITIS AND PNEUMONIA.

35 deaths have been registered during the year ; a decrease of 6 on the previous year.

The following table gives the number of deaths in the Wards for the undermentioned years.

	1901	1902	1903	1904	1905	1906	1907
Healey	6...	2...	2...	5...	2...	4...	4
Whitworth	14...	13...	14...	19...	11...	21...	16
Facit.....	7...	4...	5...	9...	7...	10...	10
Shawforth	11...	10...	3...	12...	6...	6...	5
	38	29	24	45	26	41	35

And the following table gives the deaths for the previous ten years.

1897.....45	1902.....29
1898.....25	1903.....24
1899.....54	1904.....45
1900.....48	1905.....26
1901.....38	1906.....41

1907.....35

HEART DISEASE.

21 deaths have been registered; an increase of 11 on the preceding year.

The following table shows the number in each Ward for the years.

	1901	1902	1903	1904	1905	1906	1907
Healey	4	3	5	4	1	0	3
Whitworth ...	4	8	0	2	7	4	7
Facit	4	5	1	1	3	5	7
Shawforth.....	1	2	0	2	3	1	4
	13	18	6	9	14	10	21

And the following table gives the total number of deaths for the previous ten years.

1897.....13	1902.....18
1898.....14	1903..... 6
1899.....13	1904..... 9
1900.....11	1905.....14
1901.....13	1906.....10

1907.....21

NOTIFICATIONS.

Scarlatina	20
Diphtheria &c.	6
Puerperal Fever	1
Enteric Fever...	3
Erysipelas	21
	51

SEWERAGE AND DRAINAGE.

Few complaints have been received, and favourable reports returned from the County Authorities on the character of the effluent.

EXCREMENT DISPOSAL

Is chiefly carried out on the pail system and generally in a satisfactory manner. The water carriage system is adopted in new property, and also recommended in the carrying out of alterations in old property where applicable.

WATER SUPPLY.

Our water supply is excellent. Rochdale Corporation water is most generally used, and is much safer for domestic use than the intermittent supplies from private wells.

HOSPITAL ACCOMMODATION.

We have accommodation for twelve beds.

SLAUGHTER HOUSES

Have been regularly inspected and reported upon at your monthly meetings.

BAKE HOUSES

Are also satisfactory.

COW-SHEDS AND DAIRIES.

The "Dairy and Cow-shed Regulations Order" was adopted by your Authority on the 4th of March, 1887.

The dairies and cow-sheds are systematically and regularly inspected by your Sanitary Inspector, and we are pleased to note greater attention to necessary details at the farms.

FACTORY AND WORKSHOPS ACT.

Section 132 of the above Act requires that all workshops shall be under the control of the Sanitary Authority, that the Medical Officer of Health shall report on the administration of the Act, and forward the same to the Secretary of State.

The duties required by your Authority under the above section are light, as we have few workshops or workplaces to supervise. The usual tables as to the administration of this section of the Act have been forwarded to the Secretary of State.

SPECIAL REPORTS.

A special report on the outbreak of Chicken-pox in the Shawforth Wesleyan School was forwarded to the Local Government Board and the County Council.

In connection with this report I desire to call your attention to the importance of the mutual co-operation of the officers of your Board with the school attendance officer. It is remarkable that the outbreak followed the compulsory absence, (on account of sickness) of the school attendance officer from the 30th of October to the 19th of November; I am convinced that the outbreak would never have assumed the proportion it did had the school attendance officer been on duty, and consequently kept in touch with the Medical Officer of Health.

LODGING HOUSES.

We have now one registered "home for working men" in the district. It is under good management and subject to the inspection of your officer under the Public Health Act.

NOTIFICATION OF BIRTHS ACT, 1907.

The County Medical Officer of Health expressed the hope that District Medical Officers would recommend the adoption of the above Act to their Councils.

The object of the Act is to provide a speedy means whereby information of the birth of a child may be given to the Medical Officer of Health.

In this respect, the Act is an excellent one, and its adoption must be followed by a decrease in infantile mortality.

In other respects the Act requires amendment, and the Local Government Board observe that in their opinion there is *no occasion* for imposing upon parents and others *the obligation* of notifying births *unless* steps are taken to

carry out the ultimate object of the measure, viz., the giving of *advice and instruction* to those who have *charge of the infants*, and in ordinary circumstances they *would not* be prepared *to consent* to the adoption of the Act unless it appeared that arrangements *had been made for* this purpose.

On these grounds, and in courteous deference to the wish of the County Medical Officer of Health, I have not thought it advisable to ask you to adopt the Act in its present form.

SUMMARY.

The chief features of this year's report are—a low birth rate—a fair death rate—an exceptionally low infantile death rate—an increase in the number of cases of cancer—and the extra duties imposed on your officers by the adoption of the new Acts which came into force on the 1st of January, 1908.

I desire again to thank the members and officers of the Council for their courtesy and assistance during the year.

I am, Gentlemen,

Your obedient servant,

ALEXANDER WELSH, M.D.,

Medical Officer of Health.

VITAL STATISTICS

OF THE DISTRICT.

TABLE I.—VITAL STATISTICS OF WHOLE DISTRICT DURING 1907 AND PREVIOUS YEARS

Year.	Population estimated to Middle of each Year.	Births.		Total Deaths Registered in the District.				Total Deaths in Public Institutions in the District.	Deaths of Non-residents registered in Public Institutions in the District	Deaths of Residents registered in Public Institutions beyond the District	Nett Deaths at all Ages belonging to the District	
				Under 1 Year of age		At all Ages						
		Number	Rate	Number	Rate per 1000 Births Registered	Number	Rate				Number	Rate
1897	10100	230	22·7	48	208·6	179	16·7	...	...	...	...	...
1898	10100	245	24·2	30	122·4	171	16·7	...	...	...	...	...
1899	10150	232	22·8	30	129·3	177	17·4	...	...	...	...	...
1900	10150	253	24·9	44	173·9	200	19·6	...	...	...	...	...
1901	9578	200	20·1	30	150·0	165	17·2	...	...	...	...	...
1902	9649	218	22·5	22	100·9	147	15·2	...	...	...	...	...
1903	9688	218	22·5	21	142·2	139	14·3	...	...	...	...	...
1904	9600	200	20·8	32	160·0	186	19·3	...	...	...	...	...
1905	9640	201	20·7	17	84·5	139	14·4	...	...	...	...	...
1906	9666	176	18·2	23	130·7	150	15·3	...	...	2	...	...
Averages for years 1897-1906	9832.1	217·3	21·9	29·7	140·2	165·3	16·6	...	...	...	...	...
1907	10000	178	17·8	17	95·4	168	16·8	...	...	1	...	...

TABLE II.—VITAL STATISTICS OF SEPARATE LOCALITIES IN 1907 AND PREVIOUS YEARS.

Names of Localities.	HEALEY				WHITWORH				FACIT.				SHAWFORTH			
YEAR.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.
1897.....																
1898.....																
1899.....																
1900.....																
1901.....	1690	23	26	2	3432	75	59	13	2705	59	33	4	1751	43	47	11
1902.....	1703	32	19	2	3450	87	69	10	2727	52	30	7	1769	47	29	3
1903.....	1714	42	20	3	3458	70	53	13	2737	56	36	10	1779	50	30	5
1904.....	1718	30	26	4	3472	84	70	12	2737	45	47	5	1779	41	43	11
1905.....	1733	34	19	2	3492	72	52	6	2748	55	41	4	1792	40	27	5
1906.....	1744	30	19	3	3493	61	60	11	2760	46	34	5	1796	39	35	4
Averages of Years 1896 to 1905.																
1907.....	1745	24	23	5	3492	67	68	4	2766	47	41	3	1800	40	36	5

TABLE III.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING YEAR 1907

Notifiable Disease.	At all Ages	Total cases notified in each locality.			
		Healey	Whitworth	Facit	Shawforth
Small-pox	...	...	...	...	...
Cholera	...	...	...	...	...
Diphtheria and Membranous Croup	6	4	1	1	...
Erysipelas	21	...	11	4	6
Scarlet Fever	20	5	5	7	3
Typhus Fever	...	...	...	...	...
Enteric Fever	3	...	...	2	1
Relapsing Fever	...	...	...	...	...
Continued Fever	...	...	...	...	...
Puerperal Fever	1	...	...	...	1
Plague	...	...	...	...	...
Totals	51	9	17	14	11

TABLE IV.—CAUSES OF, AND AGES AT, DEATH DURING YEAR 1907.

Causes of Death.	Deaths at the subjoined ages of "Residents" whether occurring in or beyond the District.							Deaths in or belonging to Localities (at all ages)			
	All Ages	Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards	Healey	Whitw'rth	Facit	Shawforth
Small-pox	...	...	...	...	...	...	...	...	...	...	...
Measles	1	...	1	...	...	...	...	...	1	...	...
Scarlet Fever	2	...	1	..	1	...	...	...	1	1	...
Whooping-cough	...	...	...	...	...	...	...	...	...	...	...
Diphtheria and Membranous Croup ...	2	1	...	1	...	...	...	1	...	1	...
Croup	...	...	...	...	...	...	...	...	...	...	...
Fever { Typhus	...	...	...	...	...	...	...	...	...	...	...
Fever { Enteric	2	...	...	1	...	1	...	...	...	2	...
Fever { Other continued...	...	...	...	...	...	...	...	...	...	...	...
Epidemic Influenza ...	...	...	...	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...	...	...	...
Diarrhœa	2	2	...	...	...	...	...	1	...	...	1
Enteritis	1	...	...	...	...	1	...	...	...	...	1
Puerperal Fever	1	...	...	...	...	1	...	...	...	...	1
Erysipelas	...	...	...	...	...	...	...	...	...	...	...
Other Septic Diseases ...	...	...	...	...	...	...	...	...	...	...	...
Phthisis (Pulmonary Tuberculosis) ...	12	...	...	...	1	9	2	2	6	3	1
Other tubercular diseases	1	...	1	...	...	...	...	...	...	1	...
Cancer, Malignant Disease	16	...	...	...	...	13	3	3	4	3	6
Bronchitis	19	4	3	...	...	9	3	1	5	9	4
Pneumonia...	16	2	4	...	1	6	3	2	11	2	1
Pleurisy	...	...	...	...	...	...	...	...	...	...	...
Other Diseases of Respiratory Organs ...	...	...	...	...	...	...	...	...	...	...	...
Alcoholism } Cirrhosis of Liver } ...	...	...	...	...	...	...	...	...	...	...	...
Venereal Diseases... ...	...	...	...	...	...	...	...	...	...	...	...
Premature birth	...	...	...	...	...	...	...	...	...	...	...
Diseases and accidents of parturition	...	...	...	...	...	...	...	...	...	...	...
Heart Diseases	21	...	...	1	...	15	5	3	7	7	4
Accidents	1	1	...	...	...	...	...	...	...	...	1
Suicides	...	...	...	...	...	...	...	...	...	...	...
Inquests	5	1	1	...	...	2	1	...	2	1	2
Coroner's Inquiry... ...	4	1	...	1	...	1	1	1	1	1	1
All other causes	62	5	2	3	...	27	25	9	30	10	13
All causes	168	17	13	7	3	85	43	23	68	41	36

TABLE V.—INFANTILE MORTALITY

Deaths from Stated Causes in Weeks

CAUSES OF DEATH.		Under 1 Week	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under 1 Month
All Causes.	Certified	3	1	...	...	4
	Uncertified	...	...	...	...	...
Common Infectious Diseases.	Small-pox	...	...	...	...	...
	Chicken-pox	...	...	...	...	...
	Measles	...	...	...	...	...
	Scarlet Fever	...	...	...	...	...
	Diphtheria: Croup ...	...	...	...	...	...
	Whooping Cough	...	...	...	...	...
Diarrhœal Diseases.	Diarrhœa, all forms ...	...	...	...	...	...
	Enteritis (*not Tuberculous*)	...	...	...	...	...
	Gastritis, Gastro-intestinal Catarrh	...	...	...	...	...
Wasting Diseases.	Premature Birth	...	...	...	...	...
	Congenital Defects ...	1	...	...	...	1
	Injury at Birth	...	...	...	...	...
	Want of Breast-milk ...	...	...	...	...	...
	Atrophy, Debility Marasmus	1	...	...	...	1
Tuberculous Diseases.	Tuberculous Meningitis...	..	...	...	...	...
	Tuberculous Peritonitis: Tabes Mesenterica	...	...	...	...	...
	Other Tuberculous Diseases	...	...	...	...	...
	Erysipelas	...	...	...	...	...
	Syphilis	...	...	...	...	...
	Rickets	...	...	...	...	...
	Meningitis *not Tuberculous*	...	...	...	...	...
	Convulsions	1	...	...	...	1
	Bronchitis	...	1	...	...	1
	Laryngitis	...	...	...	...	...
	Pneumonia...	...	...	...	...	...
	Suffocation, overlaying ...	...	...	...	...	...
	Other Causes	...	...	...	...	...
		3	1	...	...	4

Births in the year { legitimate, 168. illegitimate, 10.

DURING THE YEAR 1907.

AND MONTHS UNDER ONE YEAR OF AGE.

1-2 Months	2-3 Months	3-4 Months	4-5 Months	5-6 Months	6-7 Months	7-8 Months	8-9 Months	9-10 Months	10-11 Months	11-12 Months	Total Deaths under One Year.
1	2	1	1	2	1	1	1	...	2	1	17
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	1	...	...	...	...	...	...	...	1	2
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	1	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	..	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...
1	...	...	...	1	...	1	...	...	...	...	3
...	...	...	...	...	...	...	1	...	...	...	2
...	...	...	...	...	1	...	...	...	2	...	4
...	...	...	...	...	...	...	...	...	...	...	...
...	1	...	...	1	...	...	...	...	...	...	2
...	1	...	...	...	...	...	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	...	...
1	2	1	1	2	1	1	1	...	2	1	17

Estimated Population to middle of 1907, 10,000.

Deaths from all causes at all Ages, 168.

Sanitary Inspector's Report,

Year ending December 31st, 1907.

To the Chairman and Members of the Whitworth Urban District Council.

Gentlemen,

I beg to submit to you my Fifth Annual Report for the twelve months ending 31st December, 1907.

The following schedule gives in brief the details of the cases attended to by me during the year :—

Stable floors relaid	1
House drains trapped	3
New ash-pits erected	1
New closets erected (fresh water)	7
Defective eaves and downspouts	25
Defective soil pipes	1
Defective water closets	1
Defective slop-stone pipes (new ones fixed)	5
Defective closets rebuilt (pail system)...	2
Defective ash-pits rebuilt	2
Blocked up waste water closets	3
Closets & ash-places requiring proper doors & fastenings	34
Closets abolished (pail system)...	5
Closets rebuilt (pail system)	2
Closets cleansed and limewashed)	13
Defective drains relaid	4
Drains opened and cleansed	23

Gully traps cleansed	4
New closets erected (pail system)	4
Filthy premises cleaned, &c.	3
Filthy passages, &c. cleaned	12
New closets erected (waste water system)	3
Privy closets altered to pail system	1
Slop-stone pipes disconnected from drains	20
Stone drains abolished	4
New pig styes erected	1
Slaughter-house floors relaid	1
Shippon floors repaired...	1
Shippons lighted and ventilated	1
Offensive accumulations removed	4
Overcrowding	8
Nuisances from poultry, pigeons, and animals ...	5
Exits to fire escapes altered	5
Miscellaneous	33
Houses disinfected	33
Preliminary notices sent out for abatement of nuisances	99
Owners and occupiers seen personally re nuisances ...	36
Complaints received	50

790 loads of nightsoil have been deposited at the Outfall works.

Infectious Diseases.	1903	1904	1905	1906	1907
Scarlatina... ...	59	17	15	32	20
Enteric Fever ...	10	12	5	6	3
Puerperal Fever	0	0	1	0	1
Diphtheria... ...	0	4	12	5	4
Membraneous Croup..	0	0	2	2	2
Erysipelas... ...	18	11	10	9	21
Variola (Small-pox)	14	1	0	0	0
	101	45	45	54	51

The following cases of Scarlatina have occurred in children attending the undermentioned schools :—

	1903	1904	1905	1906	1907
Shawforth Wesleyan..	8...	0...	1...	8...	1
Facit St. John's ...	3...	1...	4...	4...	1
Lloyd Street	8...	2...	1...	2...	3
Hallfold	8...	1...	1...	5...	0
Healey	1...	0...	3...	0...	0
Facit Wesleyan ...	5...	1...	0...	0...	4
Shawforth S. Michael's	0...	0...	0...	1...	1
Under school age ...	26...	12...	5...	12...	9
Schools out of district (Private)	0...	0...	0...	0...	1
	59	17	15	32	20

FACTORY AND WORKSHOP ACT, 1901.

The workshops within the district have been visited and inspected under the above Act, and on the whole have been found to be kept in a clean condition.

The following are a list of workshops within the district coming under the Act :—

Dressmakers	9
Milliners...	4
Dressmakers and Milliners	1
Stocking Knitting	1
Boot, Shoe, and Clog Makers	2
Boot and Shoe Makers	2
Clog Makers	9
Bakers and Confectioners	9
Oat Cake Bakers	2
Saddle and Harness Makers	1
Cabinet Makers	1
Tailors	1
Other Trades	8
	50

Four notices from H. M. Inspector of Factories has been received, and are receiving attention.

One house has been registered as a Common Lodging House during the year.

There are two Tripe-dressing establishments within the district, (one is at present vacant). These have been visited at intervals and found to be kept in a clean condition.

There are nine Slaughter-houses within the district, (two are at present vacant). These have been regularly inspected and found to be kept in a clean condition.

The Cow-sheds have been systematically inspected and are kept in a cleanly condition.

The removal of ashes and excreta is very satisfactory.

The Hospital is in thorough order and kept in a clearly condition.

During the year several house drains have been connected to the Council's sewer.

I am, Gentlemen,

Your obedient servant,

JNO. J. CORDINGLEY, A.R.S.I., R.P.C.,

Sanitary Inspector.